

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S1    | 1    | 10/544089.app.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | AND              | ON      | 2009/03/05<br>19:01 |
| S2    | 12   | ("4279514"  <br>"4796744"   "4876204"<br>  "5470533"  <br>"5552116"  <br>"5556597").PN. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | AND              | ON      | 2009/03/05<br>19:16 |
| S3    | 12   | ("4279514"  <br>"4796744"   "4876204"<br>  "5470533"  <br>"5552116"  <br>"5556597").PN. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | AND              | ON      | 2009/06/30<br>15:53 |
| S4    | 0    | ("5556597").URPN.   | USPAT   | AND              | ON      | 2009/06/30<br>16:06 |
| S5    | 2    | ((HIDENARI) near2<br>(YAMAGATA)).INV.   | US-PGPUB;<br>USPAT  | AND              | ON      | 2009/06/30<br>16:13 |
| S6    | 0    | ("5556597").URPN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/06/30<br>16:13 |
| S7    | 12   | ((HIDENARI) near2<br>(YAMAGATA)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/06/30<br>16:13 |
| S8    | 0    | ((TOMOHIRO) near2<br>(DEMURA)).INV.   | USPAT   | AND              | ON      | 2009/06/30<br>16:20 |
| S9    | 12   | ((HIDENARI) near2<br>(YAMAGATA)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/06/30<br>16:20 |
| S10   | 4    | ((TOMOHIRO) near2<br>(DEMURA)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/06/30<br>16:20 |

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|-----|------|---|---|-----|----|------------------|
| S11 | 3    | ((MASAHIRO) near2 (HANAFUSA)).INV.  | USPAT   | AND | ON | 2009/06/30 16:20 |
| S12 | 8    | ((MASAHIRO) near2 (HANAFUSA)).INV.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/06/30 16:21 |
| S13 | 0    | ((HIDENARI) near2 (YAMAGATA)).INV.  | USPAT   | AND | ON | 2009/06/30 16:21 |
| S14 | 1229 | arkray.as.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT                       | AND | ON | 2009/06/30 16:22 |
| S15 | 100  | arkray.as.<br>(accomodation or drum or container)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT                       | AND | ON | 2009/06/30 16:23 |
| S16 | 23   | arkray.as.<br>(accomodation or drum or container) (strip or tool)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT                       | AND | ON | 2009/06/30 16:24 |
| S17 | 2    | "5556597".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT                       | AND | ON | 2009/06/30 16:32 |
| S18 | 2    | "20020057993".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT                       | AND | ON | 2009/06/30 16:34 |
| S19 | 2    | "4796744".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT                       | AND | ON | 2009/06/30 19:24 |
| S20 | 5    | ("4796744").URPN.   | USPAT   | AND | ON | 2009/06/30 19:24 |
| S21 | 4    | ("6682704").URPN.   | USPAT   | AND | ON | 2009/06/30 19:26 |
| S22 | 64   | ("0934386"  <br>"20020057993"  <br>"2200553"   "2265696"<br>  "2626197"  <br>"2889076"   "2994464"<br>  "3159308"  <br>"3446343"   "3517855"<br>  "3728081"  <br>"3917090"   "4045102"<br>  "4088276"  <br>"4218421"   "4428908"<br>  "4541547"  <br>"4615462"   "4690303"<br>  "4832229" | US-PGPUB;<br>USPAT; USOCR   | AND | ON | 2009/06/30 19:26 |

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|-----|------|---|---|-----|----|---------------------|
|     |      | "4883197"   "4911344"<br>  "5056682"  <br>"5119969"   "5244116"<br>  "5271522"  <br>"5323920"   "5353956"<br>  "5505308"  <br>"5707197"   "5757666"<br>  "5788064"  <br>"5988252"   "6036924"<br>  "6102250"  <br>"6123221"   "6176119"<br>  "6302855"  <br>"6394306"   "6406922"<br>  "6514585"  <br>"6534017"  <br>"6682704").PN. OR<br>("7063234").URPN. |   |     |    |                     |
| S23 | 7383 | (tool or strip or meter<br>or piece) with test\$3<br>with (barrel or cylinder<br>or storage or container)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:29 |
| S24 | 555  | (tool or strip or meter<br>or piece) with test\$3<br>with (barrel or cylinder<br>or storage or container)<br>with (compartments or<br>dividers or spaces or<br>chambers)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:29 |
| S25 | 93   | "422"/\$.ccls. (tool or<br>strip or meter or piece)<br>with test\$3 with (barrel<br>or cylinder or storage<br>or container) with<br>(compartments or<br>dividers or spaces or<br>chambers)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:30 |
| S26 | 33   | ("4218421").URPN.   | USPAT   | AND | ON | 2009/06/30<br>19:31 |
| S27 | 17   | ("1750315"  <br>"2689667"   "4218421"<br>  "4453406"  <br>"4710351"   "4777907"<br>  "4796744"  <br>"4876204"   "4965983"<br>  "4972935"  <br>"5097938").PN. OR<br>("5378630").URPN.  | US-PGPUB;<br>USPAT; USOCR                         | AND | ON | 2009/06/30<br>19:32 |
| S28 | 17   | ("4777907").URPN.   | USPAT   | AND | ON | 2009/06/30<br>19:33 |

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| S29 | 28  | ("2843254"  <br>"2965263"   "3035681"<br>  "3139172"  <br>"4465176"   "4777907"<br>  "4796744"  <br>"4876204"   "4972935"<br>  "5097938").PN. OR<br>("5298425").URPN.                                   | US-PGPUB;<br>USPAT; USOCR                         | AND | ON | 2009/06/30<br>19:39 |
| S30 | 0   | ("5580526").URPN.   | USPAT   | AND | ON | 2009/06/30<br>19:40 |
| S31 | 0   | ("5556597").URPN.   | USPAT   | AND | ON | 2009/06/30<br>19:42 |
| S32 | 176 | test near2 strip near2<br>(container or holder or<br>barrel or cartridge or<br>cylinder or storage)<br>with (sections or<br>compartments or<br>chambers or dividers or<br>spaces or area)               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:44 |
| S33 | 201 | test near2 strip near2<br>(dispens\$3 or container<br>or holder or barrel or<br>cartridge or cylinder or<br>storage) with (sections<br>or compartments or<br>chambers or dividers or<br>spaces or area) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:47 |
| S34 | 25  | S33 not S32   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:47 |
| S35 | 5   | test near2 strip near2<br>(dispens\$3) with<br>(multiple or different or<br>plurality or two) with<br>(sections or<br>compartments or<br>chambers or dividers or<br>spaces or area)                     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:52 |
| S36 | 2   | S35 not S34   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:52 |

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| S37 | 13 | test near2 strip near2 (dispens\$3 or container or holder or barrel or cartridge or cylinder or storage) near6 (multiple or different or plurality or two) with (sections or compartments or chambers or dividers or spaces or area)    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:53 |
| S38 | 0  | test near2 meter near2 (dispens\$3 or container or holder or barrel or cartridge or cylinder or storage) near6 (multiple or different or plurality or two) near6 (sections or compartments or chambers or dividers or spaces or area)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:55 |
| S39 | 0  | test\$4 with meter near2 (dispens\$3 or container or holder or barrel or cartridge or cylinder or storage) near6 (multiple or different or plurality or two) near6 (sections or compartments or chambers or dividers or spaces or area) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:55 |
| S40 | 3  | test\$4 with piece near2 (dispens\$3 or container or holder or barrel or cartridge or cylinder or storage) near6 (multiple or different or plurality or two) near6 (sections or compartments or chambers or dividers or spaces or area) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:56 |

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| S41 | 0   | test\$4 with tool near2 (dispens\$3 or container or holder or barrel or cartridge or cylinder or storage) near6 (multiple or different or plurality or two) near6 (sections or compartments or chambers or dividers or spaces or area) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:56 |
| S42 | 1   | test\$4 with tool near6 (feeder) near6 (multiple or different or plurality or two) near6 (sections or compartments or chambers or dividers or spaces or area)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:57 |
| S43 | 4   | test\$3 near6 (feeder) near6 (multiple or different or plurality or two) near6 (sections or compartments or chambers or dividers or spaces or area)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:57 |
| S44 | 6   | "600"/\$.ccls. test\$3 near6 (feeder)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:58 |
| S45 | 36  | test\$3 near6 strip with (feeder)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>19:58 |
| S46 | 438 | test\$3 near6 strip with (dispens\$3)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>20:00 |
| S47 | 44  | "600"/\$.ccls. test\$3 near6 strip with(dispens\$3)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>20:00 |
| S48 | 104 | "600"/\$.ccls. strip with (dispens\$3)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>20:03 |
| S49 | 60  | S48 not S47  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>20:03 |

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| S50 | 39   | different near6 tool<br>near2 dispens\$3  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>20:06 |
| S51 | 4    | strip near6 sort\$3<br>near6 dispens\$3   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>20:07 |
| S52 | 53   | test\$3 near6 strip<br>near6 sort\$3  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>20:08 |
| S53 | 3    | "4044446".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>20:11 |
| S54 | 7    | {"1215735"  <br>"1306337"  <br>"3694913").PN. OR<br>("4044446").URPN.   | US-PGPUB;<br>USPAT; USOCR                         | AND | ON | 2009/06/30<br>20:11 |
| S55 | 2    | "5117982".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/06/30<br>20:14 |
| S56 | 10   | ("5117982").URPN.   | USPAT   | AND | ON | 2009/06/30<br>20:14 |
| S57 | 21   | {"0117723"  <br>"0142917"   "2116979"<br>  "2739464"  <br>"2812784"   "3169643"<br>  "3628659"  <br>"4261683"   "4607671"<br>  "4872494"  <br>"4913201"   "5092471"<br>  "5117982").PN. OR<br>("5433256").URPN. | US-PGPUB;<br>USPAT; USOCR                         | AND | ON | 2009/06/30<br>20:16 |
| S58 | 7    | "7507375".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>11:38 |
| S59 | 2    | {"5029583"  <br>"5510266").PN. OR<br>("7507375").URPN.  | US-PGPUB;<br>USPAT; USOCR                         | AND | ON | 2009/07/02<br>11:41 |
| S60 | 4    | lotto with convey\$3  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>12:57 |
| S61 | 8489 | ball with convey\$3   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>12:58 |

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| S62 | 2  | "5510266".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>12:58 |
| S63 | 2  | "4279514".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>13:10 |
| S64 | 13 | gam\$3 near2 ball near2<br>dispens\$3 (lottery or<br>lotto)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>13:34 |
| S65 | 2  | "4466940".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>13:36 |
| S66 | 2  | "5566940".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>13:36 |
| S67 | 5  | ("5566940").URPN.   | USPAT   | AND | ON | 2009/07/02<br>13:36 |
| S68 | 2  | ("20040002373"  <br>"5566940").PN.  | US-PGPUB;<br>USPAT; USOCR                         | AND | ON | 2009/07/02<br>13:37 |
| S69 | 34 | ("4824113"  <br>"4871171"   "5088737"<br>  "5380007"  <br>"5566940"   "5702101"<br>  "5848932").PN. OR<br>("6338678").URPN. | US-PGPUB;<br>USPAT; USOCR                         | AND | ON | 2009/07/02<br>13:38 |
| S70 | 7  | ("1376874"  <br>"4509755").PN. OR<br>("4824113").URPN.  | US-PGPUB;<br>USPAT; USOCR                         | AND | ON | 2009/07/02<br>13:38 |
| S71 | 7  | ("2396475"  <br>"4824113"   "5088737"<br>  "5590879").PN. OR<br>("5785316").URPN.   | US-PGPUB;<br>USPAT; USOCR                         | AND | ON | 2009/07/02<br>13:39 |
| S72 | 1  | ("2396475").URPN.   | USPAT   | AND | ON | 2009/07/02<br>13:40 |



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|-----|------|--|---|-----|----|---------------------|
| S73 | 29   | ("2315323"  <br>"3095655"   "3304091"<br>  "3423872"  <br>"3534964"   "3679211"<br>  "4368887"  <br>"4385763"   "4508346"<br>  "4754658"  <br>"4772024"   "4786056"<br>  "4796890"  <br>"4807881"   "4822048"<br>  "4824113"  <br>"4961578"   "5050880"<br>  "5380007"  <br>"5409222").PN. OR<br>("5845903").URPN. | US-PGPUB;<br>USPAT; USOCR                         | AND | ON | 2009/07/02<br>13:41 |
| S74 | 20   | ("4508346").URPN.  | USPAT   | AND | ON | 2009/07/02<br>13:42 |
| S75 | 2    | "4279514".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>16:33 |
| S76 | 1310 | gam\$3 with dispens\$3<br>(lottery or lotto)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>19:21 |
| S77 | 18   | gam\$3 with dispens\$3<br>with (compartments or<br>chambers or sections)<br>(lottery or lotto)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>19:22 |
| S78 | 1    | 1990-014749.NRAN.  | DERWENT   | AND | ON | 2009/07/02<br>19:23 |
| S79 | 2    | "4877246".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>19:23 |
| S80 | 4    | ("4877246").URPN.  | USPAT   | AND | ON | 2009/07/02<br>19:23 |
| S81 | 15   | ("3300217"  <br>"3468542"   "4877246"<br>  "4961578"  <br>"5121920").PN. OR<br>("5590879").URPN.   | US-PGPUB;<br>USPAT; USOCR                         | AND | ON | 2009/07/02<br>19:24 |
| S82 | 8    | ("3468542").URPN.  | USPAT   | AND | ON | 2009/07/02<br>19:24 |
| S83 | 2    | "5510266".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/07/02<br>19:26 |

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|------|--------|------------------------------------|--|-----|----|---------------------|
| S84  | 2      | "5510266".pn.                      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT  | AND | ON | 2010/04/05<br>17:30 |
| S85  | 14     | Yamagata near2<br>Hidenari.in.     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2010/09/12<br>19:06 |
| S86  | 13     | Yamagata near2<br>Hidenari.in.     | US-PGPUB;<br>USPAT; EPO;<br>JPO                    | AND | ON | 2010/09/12<br>19:06 |
| S87  | 4      | Demura near2<br>Tomohiro .in.      | US-PGPUB;<br>USPAT; EPO;<br>JPO                    | AND | ON | 2010/09/12<br>19:10 |
| S88  | 0      | S87 not S85                        | US-PGPUB;<br>USPAT; EPO;<br>JPO                    | AND | ON | 2010/09/12<br>19:10 |
| S89  | 1      | "20020057993"                      | US-PGPUB;<br>USPAT; EPO;<br>JPO                    | AND | ON | 2010/09/12<br>19:15 |
| S90  | 1      | "6557446".pn.                      | US-PGPUB;<br>USPAT; EPO;<br>JPO                    | AND | ON | 2010/09/12<br>19:19 |
| S91  | 3922   | 422/68.1.ccls.                     | US-PGPUB;<br>USPAT; EPO;<br>JPO                    | AND | ON | 2010/09/12<br>19:21 |
| S92  | 2264   | 422/63.ccls.                       | US-PGPUB;<br>USPAT; EPO;<br>JPO                    | AND | ON | 2010/09/12<br>19:21 |
| S93  | 1101   | 422/82.01.ccls.                    | US-PGPUB;<br>USPAT; EPO;<br>JPO                    | AND | ON | 2010/09/12<br>19:21 |
| S94  | 10     | Hanafusa near2<br>Masahiro .in.    | US-PGPUB;<br>USPAT; EPO;<br>JPO                    | AND | ON | 2010/09/12<br>19:21 |
| S95  | 7      | S94 not S85                        | US-PGPUB;<br>USPAT; EPO;<br>JPO                    | AND | ON | 2010/09/12<br>19:22 |
| S96  | 7      | S95 not S86                        | US-PGPUB;<br>USPAT; EPO;<br>JPO                    | AND | ON | 2010/09/12<br>19:22 |
| S97  | 318    | arkray.as.                         | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/09/12<br>19:22 |
| S98  | 16     | arkray.as. lift\$4                 | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/09/12<br>19:22 |
| S99  | 272642 | (lift\$4 or transport\$4).<br>clm. | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/09/12<br>19:23 |
| S100 | 6      | S97 S99                            | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/09/12<br>19:23 |

## **EAST Search History (Interference)**

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**9/ 12/ 2010 9:51:50 PM**

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